



Math worksheet on 'Probability Counting - Duplicate 4 Cards, 2 Repeats - to Equation (Level 1)'. Part of a unit on 'Probability and Statistics - Binomial Notation'

Learn online:

app.mobius.academy/math/units/probability_and_statistics/probability_with_binomial

2 How many ways can these cards be arranged to still be arranged smallest to largest?
Show as a multiplication.

5 ♦	5 ♣	6 ♥
6 ♣		

a	$2 \cdot 2$	b	$\frac{2}{2 \cdot 2}$
c	$\frac{1}{2 \cdot 2}$	d	$2 \cdot 3 \cdot 2$
e	$3 \cdot 2 \cdot 2$	f	$2 \cdot 4 \cdot 3 \cdot 2$

1 How many ways can these cards be arranged to still be arranged smallest to largest?
Show as a multiplication.

7 ♦	7 ♥	8 ♠
8 ♦		

a	$2 \cdot 2$	b	$2 \cdot 4 \cdot 3 \cdot 2$
c	$2 \cdot 3 \cdot 2$	d	$\frac{1}{2 \cdot 2}$
e	$\frac{2}{2 \cdot 2}$	f	$3 \cdot 2 \cdot 2$

3 How many ways can these cards be arranged to still be arranged smallest to largest?
Show as a multiplication.

7 ♣	7 ♦	8 ♣
8 ♦		

a	$3 \cdot 2 \cdot 2$	b	$2 \cdot 4 \cdot 3 \cdot 2$
c	$\frac{1}{2 \cdot 2}$	d	$\frac{2}{2 \cdot 2}$
e	$2 \cdot 2$	f	$4 \cdot 3 \cdot 2 \cdot 2$

4 How many ways can these cards be arranged to still be arranged smallest to largest?
Show as a multiplication.

5 ♥	5 ♠	6 ♣
6 ♦		

a	$4 \cdot 3 \cdot 2 \cdot 2$	b	$3 \cdot 2 \cdot 2$
c	$2 \cdot 4 \cdot 3 \cdot 2$	d	$\frac{1}{2 \cdot 2}$
e	$2 \cdot 2$	f	$\frac{2}{2 \cdot 2}$

5 How many ways can these cards be arranged to still be arranged smallest to largest?
Show as a multiplication.

J ♥	J ♣	Q ♣
Q ♥		

a	$3 \cdot 2 \cdot 2$	b	$4 \cdot 3 \cdot 2 \cdot 2$
c	$2 \cdot 3 \cdot 2$	d	$\frac{2}{2 \cdot 2}$
e	$2 \cdot 2$	f	$\frac{1}{2 \cdot 2}$

6 How many ways can these cards be arranged to still be arranged smallest to largest?
Show as a multiplication.

Q ♦	Q ♥	K ♦
K ♠		

a	$4 \cdot 3 \cdot 2 \cdot 2$	b	$\frac{1}{2 \cdot 2}$
c	$2 \cdot 3 \cdot 2$	d	$3 \cdot 2 \cdot 2$
e	$2 \cdot 2$	f	$\frac{2}{2 \cdot 2}$

7 How many ways can these cards be arranged to still be arranged smallest to largest?
Show as a multiplication.

Q ♦	Q ♠	K ♣
K ♦		

a	$\frac{1}{2 \cdot 2}$	b	$2 \cdot 2$
c	$4 \cdot 3 \cdot 2 \cdot 2$	d	$2 \cdot 4 \cdot 3 \cdot 2$
e	$2 \cdot 3 \cdot 2$	f	$\frac{2}{2 \cdot 2}$